

Form PTO-1449
(Rev. 8-88)INFORMATIONAL CLOSURE STATEMENT
(Use several sheets if necessary)U.S. Department of Commerce
Patent and Trademark OfficeAttorney Docket No.
83306Serial No.
10/046,414

Applicants

Korczak et al.

Filing Date
November 9, 2001Group No.
Not Yet Assigned

U.S. PATENT DOCUMENTS

Examiner Initial*	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
OW	3,198,463	08/03/65	J. Loudon			
	4,211,381	07/08/80	Heard			
	4,308,961	01/05/82	Kunce			
	4,541,598	09/17/85	Villanueva et al.			
	4,556,183	12/03/85	Greenberger			
	4,832,207	05/23/89	Alexander			
	4,869,378	09/26/89	Miller			
OW	4,881,709	11/21/89	Nakamura			

FOREIGN PATENT DOCUMENTS

	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

Examiner

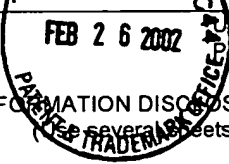
Imaguel Wernhold

Date Considered

9/19/02

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U.S. PATENT DOCUMENTS									
Examiner Initial*		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate		
g		4,909,464	03/20/90	Levine et al.	—	—			
		5,029,789	07/09/91	Nourry et al.	—	—			
		5,098,054	03/24/92	Dyer	—	—			
		5,411,356	05/02/95	Travis et al.	—	—			
		5,487,518	01/30/96	McCraney et al.	—	—			
		5,697,589	12/16/97	Garfinkle	—	—			
OW		5,918,842	07/06/99	Garfinkle	—	—			
		5,986,212	11/16/99	Lhota	—	—			
FOREIGN PATENT DOCUMENTS									
		Document Number	Date	Country	Class	Subclass	Translation Yes No		
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)									
Examiner		Daniel Weinhold			Date Considered				
					9/19/02				
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Examiner Initial*	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
DN	6,119,878	09/19/00	Zen			
	6,131,866	10/17/00	Kesinger			
	6,161,804	12/19/00	Paske et al.			
DN	6,220,461 B1	04/24/01	Dickinson			

FOREIGN PATENT DOCUMENTS

	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

Examiner

Original Wornickel

Date Considered

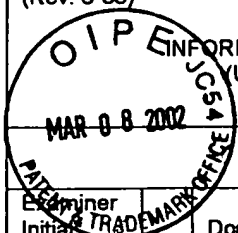
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		Filing Date November 9, 2001	Group No. 3632



U.S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	Selected webpages from www.unistrut.com from Unistrut Corporation. Applicants submit that they were aware of the Unistrut product more than one year prior to the filing of the above-identified patent application.

Examiner <i>Ongrid Wornheld</i>	Date Considered 9/19/02
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U.S. PATENT DOCUMENTS

Examiner Initial*	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
DW	396,677	01/22/89 (1989)	Zimmerman			
	2,065,843	12/29/36	Van Uum			
	2,397,680	04/02/46	Morehouse			
	2,453,980	11/16/48	Hartman			
	2,682,385	06/29/54	Schluter			
	2,716,703	08/30/55	Kane			
	2,941,768	06/21/60	Elms et al.			
DW	2,981,513	04/25/61	Brown			

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FOREIGN PATENT DOCUMENTS

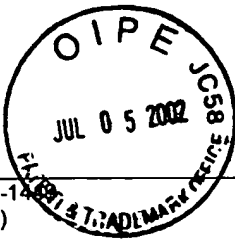
	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No
DW	1,000,677	Nov. 30, 1976	Canada			X	
	168'882	Oct. 13, 1959	Denmark				X
	710034	Sept. 2, 1941	Germany				X
	6912883	Mar. 28, 1969	Germany				X
DW	2807119	Aug. 23, 1979	Germany			Abstract Only	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

DW	-	European Search Report for Application No. EP 00 10 0368

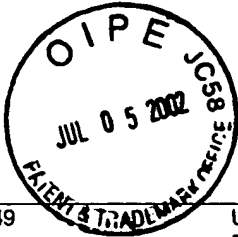
Examiner <i>David Weinholz</i>	Date Considered 9/19/02
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				Filing Date November 9, 2001		Group No. 3632	
U.S. PATENT DOCUMENTS							
Examiner Initial*		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
DW		3,131,447	05/05/64	Tinnerman			
		3,154,281	10/27/64	Frank			
		3,237,905	03/01/66	Baker et al.			
		3,336,543	08/15/67	Johnson et al.			
		3,345,706	10/10/67	Stokes			
		3,346,863	10/10/67	Siebold			
		3,444,596	05/20/69	Soltysik			
DW		3,501,117	03/17/70	Soltysik			
FOREIGN PATENT DOCUMENTS							
		Document Number	Date	Country	Class	Subclass	Translation Yes No
DW	✓	0 183 394 A3	June 4, 1986	EPO			X
DW	✓	1 020 672 A1	July 19, 2000	EPO			X
DW	✓	1 096 594 A2	May 2, 2001	EPO			X
	✓	2 417 670	Oct. 19, 1979	France (Full text in French)			Abstract Only
DW	✓	2 483 541	Dec. 4, 1981	France			Full text X
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
Examiner Ingrid Weinholz				Date Considered 9/19/02			
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U.S. PATENT DOCUMENTS

Examiner Initial*	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
QW	3,549,787	12/22/70	Churla, Jr.	_____	_____	
	3,822,411	07/02/74	Merle	_____	_____	
	4,023,596	05/17/77	Tate	_____	_____	
	4,047,133	09/06/77	Merle	_____	_____	
	4,051,323	09/27/77	Churla	_____	_____	
	4,194,380	03/25/80	Brown et al.	_____	_____	
	4,286,654	09/01/81	Ruhe et al.	_____	_____	
QW	4,306,697	12/22/81	Mathews	_____	_____	

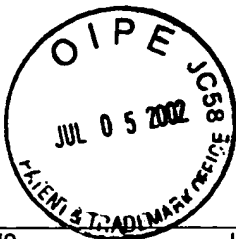
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FOREIGN PATENT DOCUMENTS

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						Yes	No
QW	1,062,633	Mar. 22, 1967	UK	_____	_____	X	
QW	2 014 644 A	Aug. 30, 1979	UK	_____	_____	X	

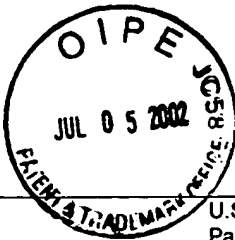
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

Examiner <i>Ingrid Weinkold</i>	Date Considered <i>9/19/02</i>
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U.S. PATENT DOCUMENTS								
Examiner Initial*		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate	
DW		4,325,526	04/20/82	Kitagawa	_____	_____		
		4,334,659	06/15/82	Yuda	_____	_____		
		4,505,006	03/19/85	Andre	_____	_____		
		4,540,959	09/10/85	Saad	_____	_____		
		4,572,466	02/25/86	Yamaguchi et al.	_____	_____		
		4,642,585	02/10/87	Saad	_____	_____		
		4,654,612	03/31/87	Smith	_____	_____		
DW		4,763,132	08/09/88	Juds et al.	_____	_____		
FOREIGN PATENT DOCUMENTS								
		Document Number	Date	Country	Class	Subclass	Translation	
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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)								
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Omgud Wemickel		9/19/02						
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Examiner Initial*	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
DW	4,813,639	03/21/89	Midkiff et al			
	4,958,792	09/25/90	Rinderer			
	5,108,055	04/28/92	Kreinberg et al.			
	5,167,533	12/01/92	Rauwolf			
	5,201,484	04/13/93	Thoen			
	5,334,051	08/02/94	Devine et al.			
	5,393,021	02/28/95	Nelson			
DW	5,850,056	12/15/98	Harwath			

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						Yes	No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

Examiner <i>Donald Wernhold</i>	Date Considered <i>9/19/02</i>
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Examiner Initial*	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
DW	5,967,468	10/19/99	Veghte et al.			
DW	6,354,543 B1	03/12/02	Paske			

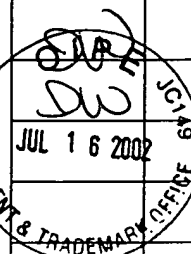
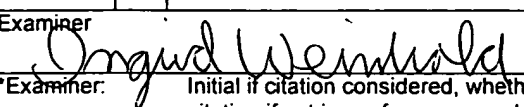
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Examiner <i>Danquiel Weimholt</i>	Date Considered <i>9/19/02</i>
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U.S. PATENT DOCUMENTS							
Examiner Initial*		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
		333,119	12/29/85 (1885)	Ephraim			COPY OF PAPERS ORIGINALLY FILED
		2,577,120	12/04/51	Franz			
RECEIVED JUL 19 2002 GROUP 3632							
FOREIGN PATENT DOCUMENTS							
		Document Number	Date	Country	Class	Subclass	Translation Yes No
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
DW		ICESCo™ Accessories article "Universal Snap-In Hangers for Wireless Applications," undated					
Examiner		Date Considered					
		9/19/02					
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